

# Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

## G3BP

RRID:AB\_398437

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 611126, RRID:AB\_398437

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_398437](http://antibodyregistry.org/AB_398437)

**Proper Citation:** BD Biosciences Cat# 611126, RRID:AB\_398437

**Target Antigen:** G3BP

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Immunofluorescence, Western blot

**Antibody Name:** G3BP

**Description:** This monoclonal targets G3BP

**Target Organism:** human

**Antibody ID:** AB\_398437

**Vendor:** BD Biosciences

**Catalog Number:** 611126

**Record Creation Time:** 20250819T214917+0000

**Record Last Update:** 20250820T001210+0000

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### Ratings and Alerts

No rating or validation information has been found for G3BP.

No alerts have been found for G3BP.

## Data and Source Information

**Source:** [Antibody Registry](#)

## Usage and Citation Metrics

We found 28 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

Jo A, et al. (2025) Membrane-tethered SCOTIN condensates elicit an endoplasmic reticulum stress response by sequestering luminal BiP. *Cell reports*, 44(2), 115297.

Wu PY, et al. (2024) Cooperation between PRMT1 and PRMT6 drives lung cancer health disparities among Black/African American men. *iScience*, 27(2), 108858.

Yao Z, et al. (2024) The divergent effects of G3BP orthologs on human stress granule assembly imply a centric role for the core protein interaction network. *Cell reports*, 43(8), 114617.

Choi Y, et al. (2024) Time-resolved profiling of RNA binding proteins throughout the mRNA life cycle. *Molecular cell*, 84(9), 1764.

Kumbier K, et al. (2024) Identifying FUS amyotrophic lateral sclerosis disease signatures in patient dermal fibroblasts. *Developmental cell*, 59(16), 2134.

Fujikawa D, et al. (2023) Stress granule formation inhibits stress-induced apoptosis by selectively sequestering executioner caspases. *Current biology : CB*, 33(10), 1967.

L??pez AR, et al. (2023) Autophagy-mediated control of ribosome homeostasis in oncogene-induced senescence. *Cell reports*, 42(11), 113381.

Park J, et al. (2023) Poly(GR) interacts with key stress granule factors promoting its assembly into cytoplasmic inclusions. *Cell reports*, 42(8), 112822.

Viegas JO, et al. (2022) RNA degradation eliminates developmental transcripts during murine embryonic stem cell differentiation via CAPRIN1-XRN2. *Developmental cell*, 57(24), 2731.

Wolzak K, et al. (2022) Neuron-specific translational control shift ensures proteostatic resilience during ER stress. *The EMBO journal*, 41(16), e110501.

Bowles KR, et al. (2021) ELAVL4, splicing, and glutamatergic dysfunction precede neuron loss in MAPT mutation cerebral organoids. *Cell*, 184(17), 4547.

Garzia A, et al. (2021) The E3 ubiquitin ligase RNF10 modifies 40S ribosomal subunits of ribosomes compromised in translation. *Cell reports*, 36(5), 109468.

Lee AK, et al. (2021) Protocol for the determination of intracellular phase separation thresholds. *STAR protocols*, 2(1), 100308.

Meyer C, et al. (2020) The G3BP1-Family-USP10 Deubiquitinase Complex Rescues Ubiquitinated 40S Subunits of Ribosomes Stalled in Translation from Lysosomal Degradation. *Molecular cell*, 77(6), 1193.

Cirillo L, et al. (2020) UBAP2L Forms Distinct Cores that Act in Nucleating Stress Granules Upstream of G3BP1. *Current biology : CB*, 30(4), 698.

Yang P, et al. (2020) G3BP1 Is a Tunable Switch that Triggers Phase Separation to Assemble Stress Granules. *Cell*, 181(2), 325.

Lee AK, et al. (2020) Translational Repression of G3BP in Cancer and Germ Cells Suppresses Stress Granules and Enhances Stress Tolerance. *Molecular cell*, 79(4), 645.

Zhang P, et al. (2019) Chronic optogenetic induction of stress granules is cytotoxic and reveals the evolution of ALS-FTD pathology. *eLife*, 8.

Shelkovernikova TA, et al. (2019) Antiviral Immune Response as a Trigger of FUS Proteinopathy in Amyotrophic Lateral Sclerosis. *Cell reports*, 29(13), 4496.

Cheng W, et al. (2019) CRISPR-Cas9 Screens Identify the RNA Helicase DDX3X as a Repressor of C9ORF72 (GGGGCC)<sub>n</sub> Repeat-Associated Non-AUG Translation. *Neuron*, 104(5), 885.